

# Metal Matrix Composites Market Report: Trends, Forecast and Competitive Analysis

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## Abstracts

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### Metal Matrix Composites Market Trends and Forecast

The future of the metal matrix composites market looks promising with opportunities in the automotive & transportation, thermal management, aerospace, defence, industrial, and electrical & electronics industries. The global metal matrix composites market is expected to grow with a CAGR of 6% to 8% from 2023 to 2028. The major drivers for this market are increasing demand for lightweight materials, growing consumer concerns regarding increasing oil prices for vehicles and rising concerns regarding environmental degradation.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched and other details of the global metal matrix composites market report, please download the report brochure.

### Metal Matrix Composites Market by Segment

The study includes a forecast for the global metal matrix composites market metal matrix composites by reinforcement type, production technology, reinforcement material, product, fillers, end use industry, and region, as follows:

Metal Matrix Composites Market by Reinforcement Type [Value (\$B) Shipment Analysis from 2017 to 2028]:

Continuous

Discontinuous

Particles

Metal Matrix Composites Market by Production Technology [Value (\$B) Shipment Analysis from 2017 to 2028]:

Liquid Metal Infiltration

Powder Metallurgy

Casting

Deposition techniques

Metal Matrix Composites Market by Reinforcement Material [Value (\$B) Shipment Analysis from 2017 to 2028]:

Alumina

Silicon Carbide

Carbon Fiber

Others

Metal Matrix Composites Market by Product [Value (\$B) Shipment Analysis from 2017 to 2028]:

Aluminum

Nickel

Refractory

Others

Metal Matrix CompositesMarket by Fillers [Value (\$B) Shipment Analysis from 2017 to 2028]:

Silicon Carbide

Aluminum Oxide

Titanium Carbide

Others

Metal Matrix CompositesMarket by End Use Industry [Value (\$B) Shipment Analysis from 2017 to 2028]:

Automotive & Transportation

Thermal Management

Aerospace

Defence

Industrial

Electrical & Electronics

Others

Metal Matrix Composites Market by Region [Value (\$B) Shipment Analysis from 2017 to 2028]:

North America

Europe

Asia Pacific

The Rest of the World

## List of Metal Matrix Composites Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies metal matrix composites companies cater to increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the metal matrix composites companies profiled in this report include.

Materion

CPS Technologies

GKN Sinter Metals

3M

Destsce Edelstaslwerke GmbH

Metal Matrix Cast Composites

Plansee

## Metal Matrix Composites Market Insights

Lucintel forecasts that refractory will remain the largest segment over the forecast period due to the growing demand for durable and high-precision equipment and rising demand for display devices and new electronic products.

Automotive & transportation is expected to remain the largest segment by end

use industry due to the increasing demand for automotive and passenger vehicles, augmented demand for high-performance materials in bulk and passenger vehicles and growing importance of lightweight railway vehicles.

North America will remain the largest region due to the presence of major manufactures, increasing need for fuel-efficient vehicles, and stringent government regulations pertaining to automotive pollution in the region.

## Features of the Metal Matrix Composites Market

**Market Size Estimates:** Metal matrix composites market size estimation in terms of value (\$B)

**Trend And Forecast Analysis:** Market trends (2016-2021) and forecast (2023-2028) by various segments and regions.

**Segmentation Analysis:** Metal matrix composites market size by various segments, such as by reinforcement type, production technology, reinforcement material, product, fillers, end use industry, and region

**Regional Analysis:** Metal matrix composites market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

**Growth Opportunities:** Analysis on growth opportunities in different by reinforcement type, production technology, reinforcement material, product, fillers, end use industry, and regions for the metal matrix composites market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape for the metal matrix composites market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

## FAQ

Q1. What is the metal matrix composites market size?

Answer: The global metal matrix composites market is expected to reach an estimated \$xx billion by 2028.

Q2. What is the growth forecast for metal matrix composites market?

Answer: The global metal matrix composites market is expected to grow with a CAGR of 6% to 8% from 2023 to 2028.

Q3. What are the major drivers influencing the growth of the metal matrix composites market?

Answer: The major drivers for this market are increasing demand for lightweight materials, growing consumer concerns regarding increasing oil prices for vehicles and rising concerns regarding environmental degradation.

Q4. What are the major segments for metal matrix composites market?

Answer: The future of the metal matrix composites market looks promising with opportunities in the automotive & transportation, thermal management, aerospace, defence, industrial, and electrical & electronics industries.

Q5. Who are the key metal matrix composites companies?

Answer: Some of the key Metal matrix composites companies are as follows:

Materion Corporation

CPS Technologies Corporation

GKN Sinter Metals

3M

Destsce Edelstaslwerke GmbH

Metal Matrix Cast Composites, LLC

Plansee SE

Q6. Which metal matrix composites segment will be the largest in future?

Answer: Lucintel forecasts that refractory will remain the largest segment over the forecast period due to the growing demand for durable and high-precision equipment and rising demand for display devices and new electronic products.

Q7. In metal matrix composites market, which region is expected to be the largest in next 5 years?

Answer: North America will remain the largest region due to the presence of major manufactures, increasing need for fuel-efficient vehicles and stringent government regulations pertaining to automotive pollution in the region.

Q8. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1. What are some of the most promising, high-growth opportunities for the metal matrix composites market by reinforcement type (continuous, discontinuous, and particles), production technology (liquid metal infiltration, powder metallurgy, casting, and deposition techniques), reinforcement material (alumina, silicon, carbide, carbon fiber, and others), product (aluminum, nickel, refractory, and others), fillers (silicon carbide, aluminum oxide, titanium carbide, and others), end use industry (automotive & transportation, thermal management, aerospace, defence, industrial, electrical & electronics, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to metal matrix composites market or related to metal matrix composites companies, metal matrix composites market size, metal matrix composites market share, composites coating analysis, write Lucintel analyst at email: [helpdesk@lucintel.com](mailto:helpdesk@lucintel.com) we will be glad to get back to you soon.



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